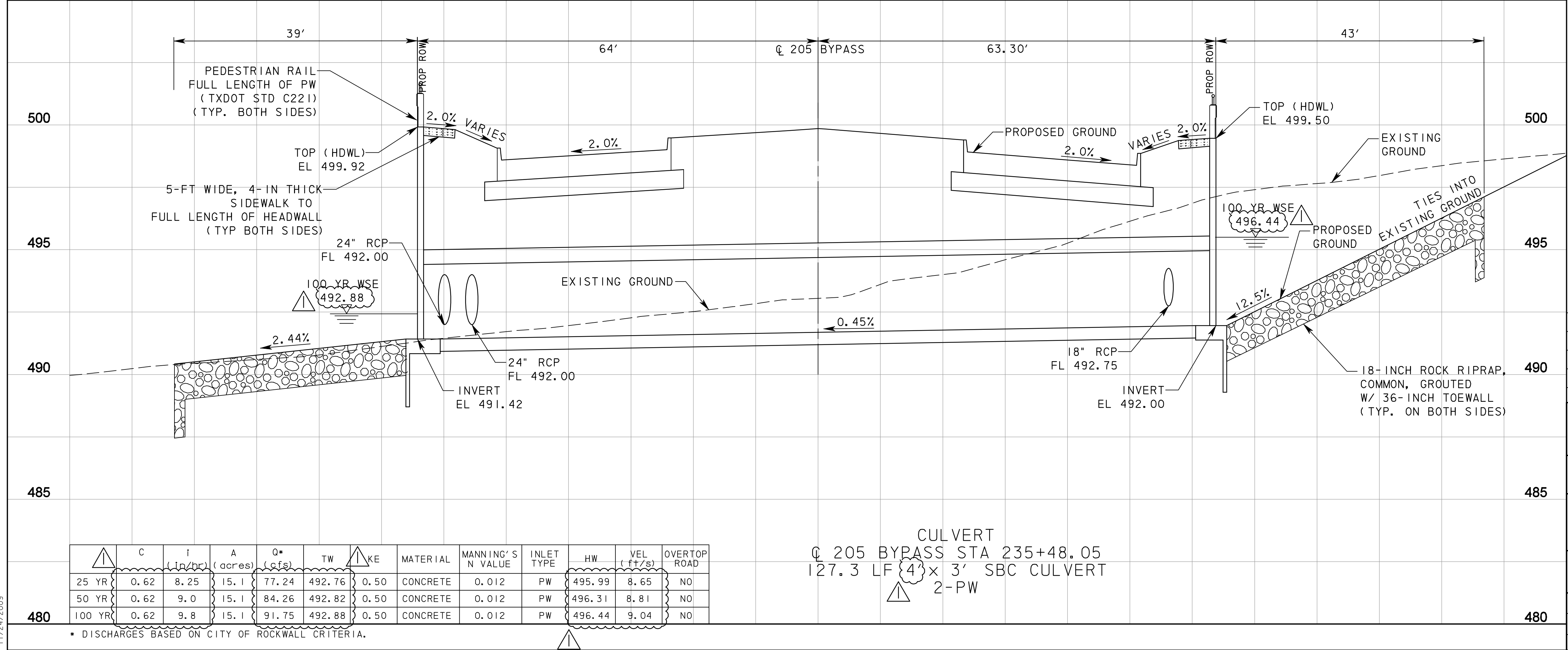


- NOTES:
1. REFERENCE GRADING PLAN AT STA 235+50 FOR GRADING DETAILS.
 2. 24.2' IS CULVERT SKEW "V" USED TO CALCULATE HEADWALL DIMENSIONS AS SHOWN ON TXDOT STANDARD PW.



RECORD DRAWING

This drawing is a compilation of the original sealed engineering drawing and modifications by addenda, change orders and information furnished by the contractor. Information shown that was provided by the contractor and others not associated with the design engineer cannot be verified for accuracy or completeness. Original sealed drawing is on file at the office of AECOM USA Group, Inc., TBPE REG. NO. F-3082

ORIGINAL DRAWING SEALED & SIGNED BY
T.H. Gaertner, P.E.
TX NO. 37124

NO.	MISC. REVISIONS	REVISION	BY	DATE
1				

City of Rockwall, Texas

205 BYPASS PHASE 6

CULVERT PLAN & PROFILE AT STA 235+48.05

1 OF 2

Unit	PW-DAL-FW	Scale	Horz: AS SHOWN Vert: AS SHOWN	Date	11/24/2009
Designed	R1/US	Checked	TCB	Project No.	60004153
Drawn	FG	Approved	TCB	Sheet	82 of 216

	C	i	A	Q*	TW	KE	MATERIAL	MANNING'S N VALUE	INLET TYPE	HW	VEL (ft/s)	OVERTOP ROAD
	(in/yr)	(in/yr)	(acres)	(cfs)	(ft)					(ft)		
25 YR	0.62	8.25	15.1	77.24	492.76	0.50	CONCRETE	0.012	PW	495.99	8.65	NO
50 YR	0.62	9.0	15.1	84.26	492.82	0.50	CONCRETE	0.012	PW	496.31	8.81	NO
100 YR	0.62	9.8	15.1	91.75	492.88	0.50	CONCRETE	0.012	PW	496.44	9.04	NO

* DISCHARGES BASED ON CITY OF ROCKWALL CRITERIA.

CULVERT
C 205 BYPASS STA 235+48.05
127.3 LF 4' x 3' SBC CULVERT
2-PW

P:\328\60004153-205bypass\cadd\sheet6\phase 6 - fm52 to 205\record drawing 10_7_09\082Culvert-Sta 235-50.dgn 11/24/2009